

DETAILED ACTION

1. Claims 1-42 are presented for examination.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows: Authorization for this examiner's amendment was given in a telephone interview with John E. Curtin (Reg. No. 37,602) on 10/18/2012.

1. The following changes to the drawings have been approved by the examiner, See attached "Amended Drawings". In order to avoid abandonment of the application, applicant must make these changes to the drawings as described in the attached document.

Allowable Subject Matter

3. Claims 1-42 are allowed.
4. The following is an examiner's statement of reasons for allowance: Claims 1-42 are allowable over prior arts since the prior art reference(s) taken individually or in combination fail to particularly disclose, fairly suggests, or render obvious the limitations

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as argued by the applicant, in "Appeal Brief Filed" submitted on 08/29/2008, and agreed by the board of appeals in the "Patent Board Decision" received on 09/25/2012 and which examiner considers as persuasive.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JACKIE ZUNIGA whose telephone number is (571)270-7194. The examiner can normally be reached on Monday - Friday 8:30 A.M to 5:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ian Moore can be reached on (571)272-3085. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/J.Z./

Examiner, Art Unit 2469